

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

XSTRM-0001

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

Unassigned **107522509**INTERNATIONAL APPLICATION NO.
PCT/US 03/23473INTERNATIONAL FILING DATE
July 25, 2003PRIORITY DATE CLAIMED
July 27, 2002TITLE OF INVENTION
APPARATUS AND METHOD FOR ENCRYPTION AND DECRYPTION

APPLICANT(S) FOR DO/EO/US

Jimmy Christian Hotz

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

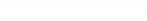
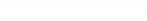
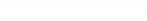
1. This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (**copy of PCT Declaration**)
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter. (**copy of PCT Power of Attorney**)
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20. Other items or information: WIPO 2004/012384, PCT Request, Form PCT/IB/304, Form PCT/IB/332, Form PCT/IPEA/401, Form PCT/IPEA/402, Form PCT/ISA/206, Intern. Search Auth. PCT/ISA/220, & Lim. Rec. Under 37 CFR §10.9(b)

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.8)	INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCKET NUMBER																									
Unassigned 10/522509	PCT/US 03/23473			XSTRM-0001																									
<p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table> <tr> <td><input checked="" type="checkbox"/> a) Basic national fee</td> <td>\$300.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee</td> <td>\$200.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> c) Search fee</td> <td>\$500.00</td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS =</td> </tr> <tr> <td colspan="2">\$1000.00</td> </tr> </table>				<input checked="" type="checkbox"/> a) Basic national fee	\$300.00	<input checked="" type="checkbox"/> b) Examination fee	\$200.00	<input checked="" type="checkbox"/> c) Search fee	\$500.00	TOTAL OF ABOVE CALCULATIONS =		\$1000.00		<table border="1"> <thead> <tr> <th colspan="2">Applicant use</th> <th>Office use only</th> </tr> </thead> <tbody> <tr> <td>\$</td> <td>300.00</td> <td></td> </tr> <tr> <td>\$</td> <td>200.00</td> <td></td> </tr> <tr> <td>\$</td> <td>500.00</td> <td></td> </tr> <tr> <td>\$</td> <td>1000.00</td> <td></td> </tr> </tbody> </table>	Applicant use		Office use only	\$	300.00		\$	200.00		\$	500.00		\$	1000.00	
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<p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p> <table> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>x \$250.00</td> </tr> </table>				Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	- 100 =	/50 =		x \$250.00																		
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<p>Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p> <table> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> </tr> <tr> <td>Total claims</td> <td>59 - 20 =</td> <td>39</td> <td>x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td>10 - 3 =</td> <td>7</td> <td>x \$200.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td>+ \$360.00</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> </tr> <tr> <td colspan="4">\$ 4350.00</td> </tr> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	59 - 20 =	39	x \$50.00	Independent claims	10 - 3 =	7	x \$200.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	TOTAL OF ABOVE CALCULATIONS =				\$ 4350.00					
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<p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</p> <table> <tr> <td>SUBTOTAL =</td> <td>\$ 2175.00</td> </tr> </table>				SUBTOTAL =	\$ 2175.00																								
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<p>Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p> <table> <tr> <td>TOTAL NATIONAL FEE =</td> <td>\$ 2175.00</td> </tr> </table>				TOTAL NATIONAL FEE =	\$ 2175.00																								
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<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</p> <table> <tr> <td>TOTAL FEES ENCLOSED =</td> <td>\$ 2175.00</td> </tr> </table>				TOTAL FEES ENCLOSED =	\$ 2175.00																								
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<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>2175.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-1698</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1698</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																													
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.</p>																													
<p>SEND ALL CORRESPONDENCE TO:</p> <p>David B. Ritchie Thelen Reid & Priest, LLP P.O. Box 640640 San Jose, CA 95164-0640</p>																													
<p> SIGNATURE Masako Ando NAME Lim. Rec. Under 37 CFR REGISTRATION NUMBER</p>																													

10/522509

DT01 Rec'd PCT/PTM 26 JAN 2005

BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATE PATENT AND TRADEMARK OFFICE

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Masako Ando is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of Thelen, Reid & Priest LLP to prepare and prosecute patent applications wherein the patent applicant is the client of Thelen, Reid & Priest LLP, and the attorney or agent of record in the applications is a registered practitioner who is a member of Thelen, Reid & Priest LLP. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Masako Ando ceases to lawfully reside in the United States, (ii) Masako Ando's employment with Thelen, Reid & Priest LLP ceases or is terminated, or (iii) Masako Ando ceases to remain or reside in the United States on an H-1 visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: August 10, 2006



Harry I. Moatz
Director of Enrollment and Discipline